

HPLC Application

ID No.: 24144

Cannabis pesticide screening using Luna Omega 3µm Polar C18 50x4.6mm

Column: Luna® Omega 3 µm Polar C18 100 Å, LC Column 50 x 4.6 mm, Ea

Dimensions: 50 x 4.6 mm ID

Order No: 00B-4760-E0

Elution Type: Gradient

Eluent A: 10mM Ammonium acetate

Eluent B: Methanol with 0.1% formic acid

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 100 | 0 |
| | 2 | 7 | 0 | 100 |

Flow Rate: 0.7 mL/min

Col. Temp.: 40 °C

Detection: Tandem Mass Spec (MS-MS) @ (ambient)

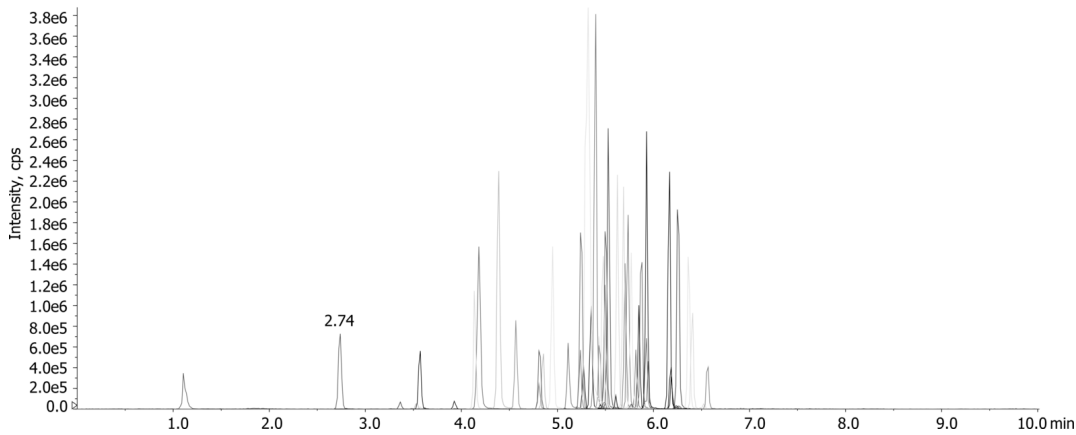
Detector Info: <a target="_blank"

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href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<



Products used in this application:



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ANALYTES:

| | |
|-------------------------------|--------------------------------|
| 1 Acephate | 41 Oxamyl |
| 2 Acequinocyl | 42 Paclbutrazol |
| 3 Acetamiprid | 43 Parathion-methyl |
| 4 Aldicarb | 44 Permethrin, cis- |
| 5 Avermectin B1a | 45 Permethrin, trans- |
| 6 Avermectin B1b | 46 Phosmet |
| 7 Azoxystrobin | 47 Piperonyl butoxide |
| 8 Bifenazate | 48 Prallethrin |
| 9 Bifenthrin | 49 Propiconazole |
| 10 Boscalid | 50 Propoxure |
| 11 Carbaryl | 51 Pyrethrins Cinerin |
| 12 Carbofuran | 52 Pyrethrins Jasmolin |
| 13 Chlorantraniliprole | 53 Pyrethrins Pyrethrin |
| 14 Chlorpyrifos | 54 Pyridaben |
| 15 Clofentezine | 55 Spinosyn A |
| 16 Cyfluthrin | 56 Spinosyn D |
| 17 Cypermethrin | 57 Spiromesifen |
| 18 Daminozide | 58 Spirotetramat |
| 19 Diazinon | 59 Spiroxamine |
| 20 Dichlorvos | 60 Tebuconazole |
| 21 Dimethoate | 61 Thiacloprid |
| 22 Ethoprophos | 62 Thiamethoxam |
| 23 Etofenprox | 63 Trifloxystrobin |
| 24 Etoxazole | 64 Uniconazole |
| 25 Fenoxycarb | |
| 26 Fenpyroximate | |
| 27 Fipronil | |
| 28 Fipronil NH4 | |
| 29 Flonicamid | |
| 30 Fludioxinil | |
| 31 Hexythiazox | |
| 32 Imazalil | |
| 33 Imidacloprid | |
| 34 Kresoxim-methyl | |
| 35 Malathion A | |
| 36 Metalaxyl | |
| 37 Methiocarb | |
| 38 Methomyl | |
| 39 Myclobutanil | |
| 40 Naled | |

